

FIG.1

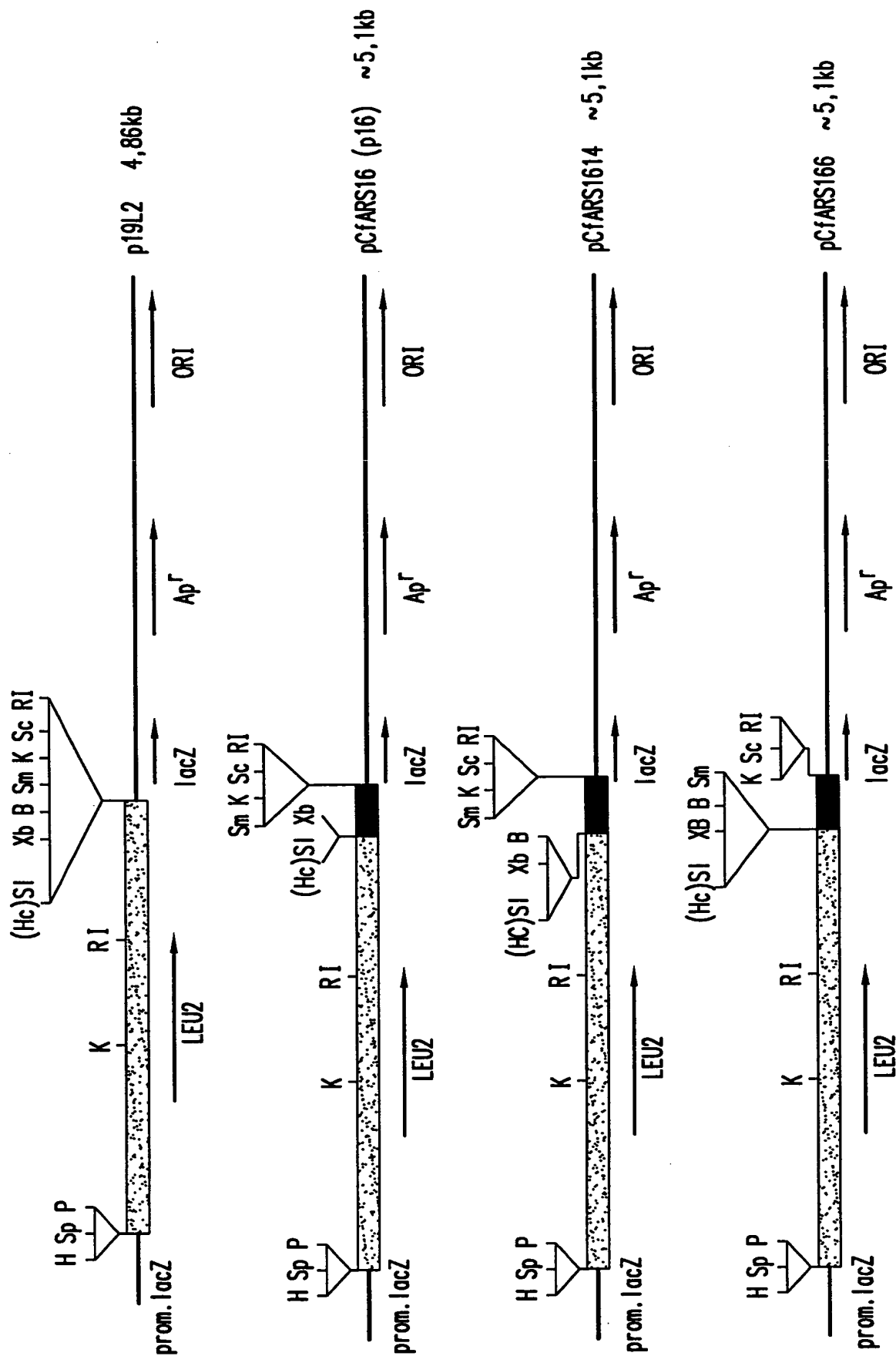


FIG.2

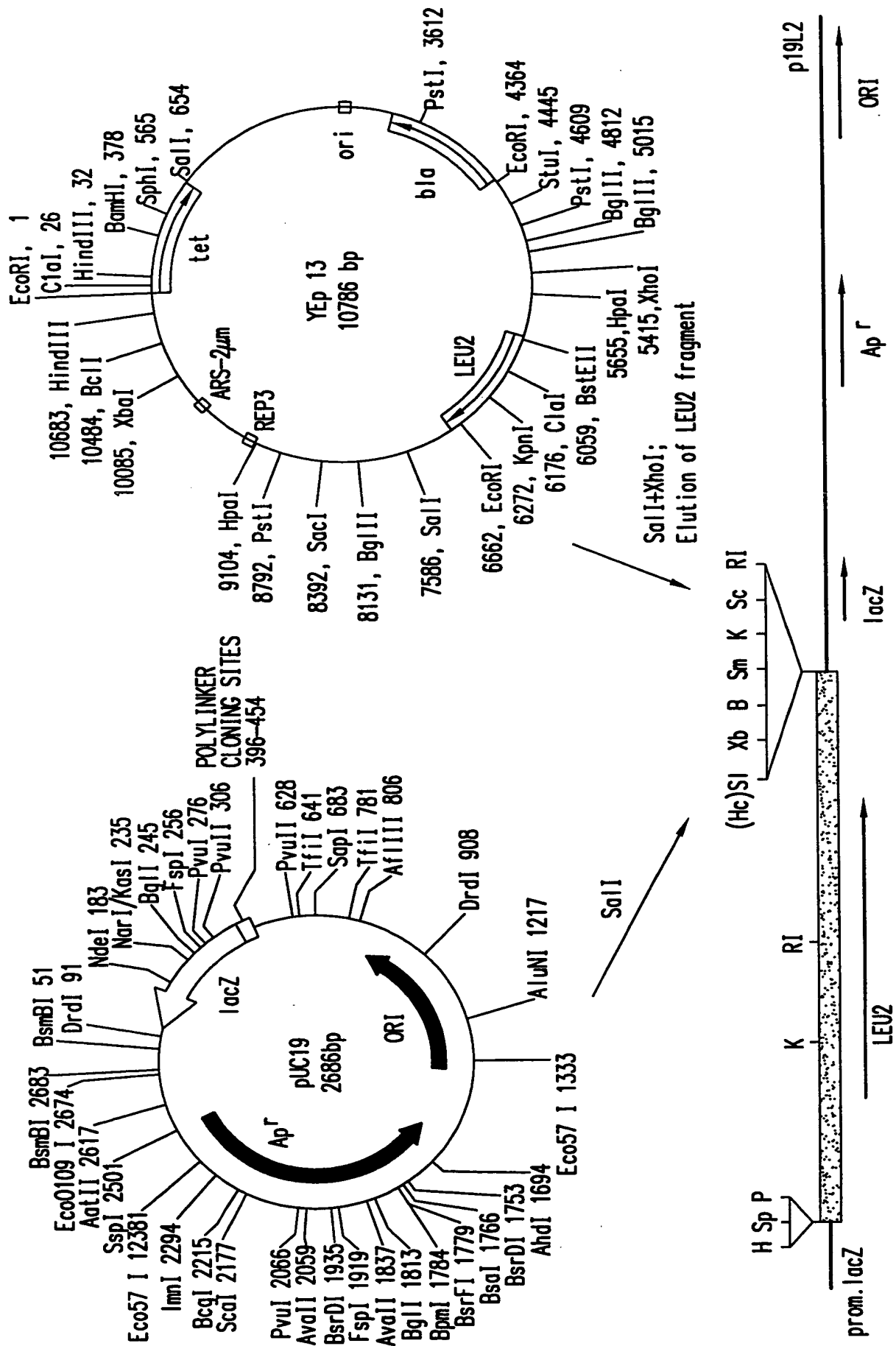


FIG.3

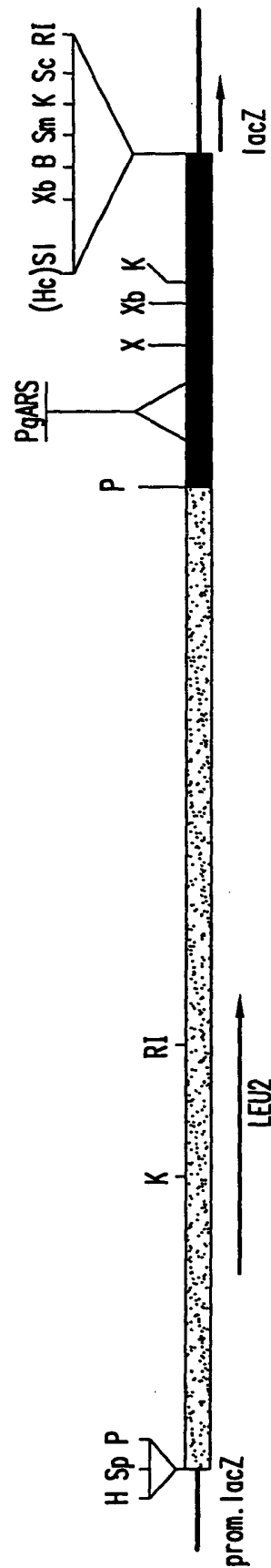


FIG. 4

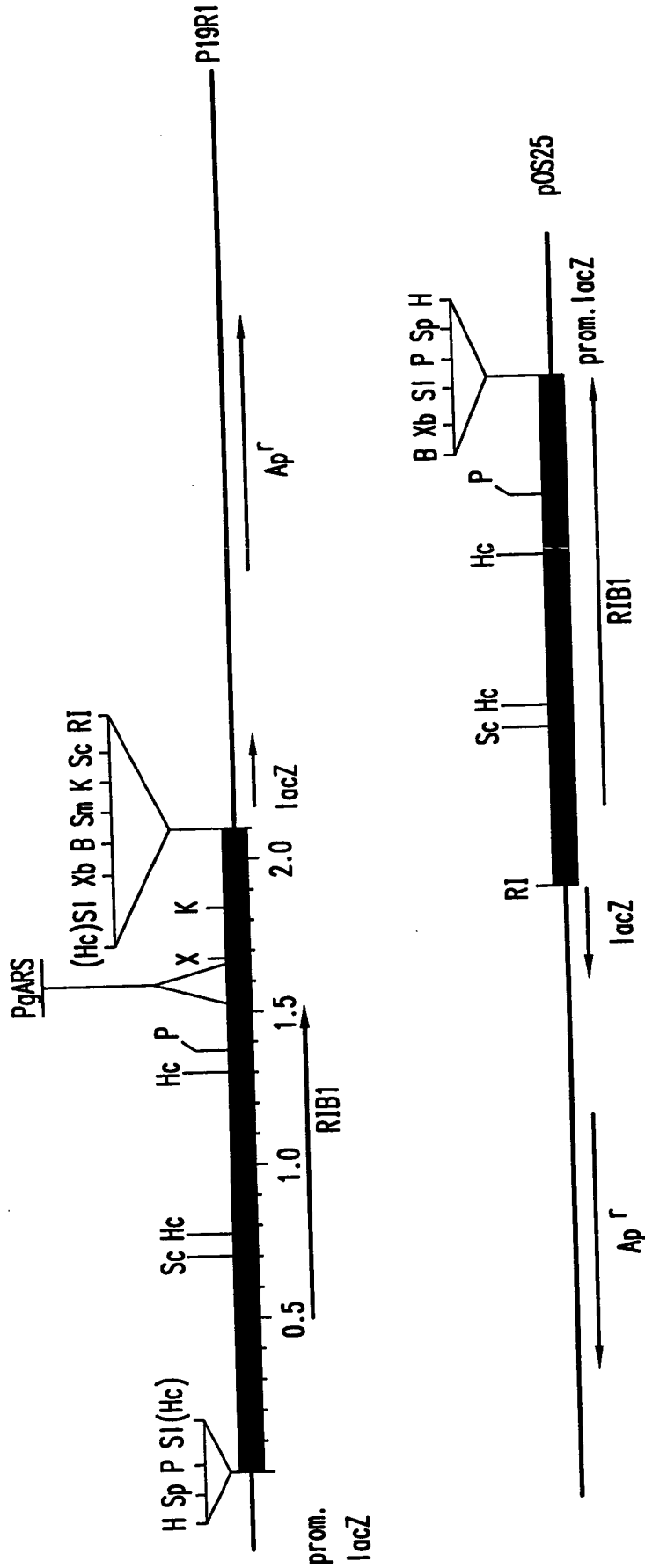


FIG. 5

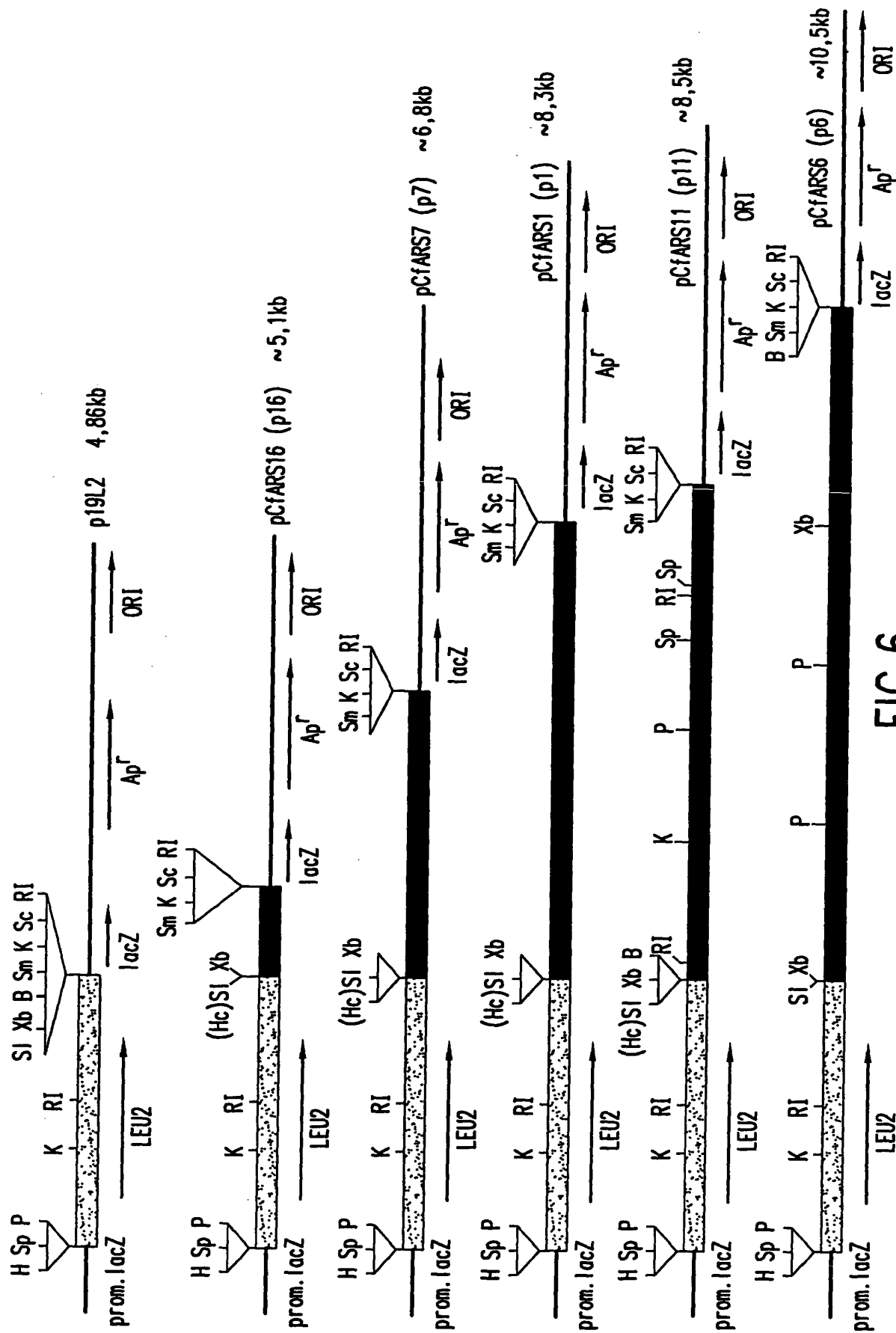


FIG.6

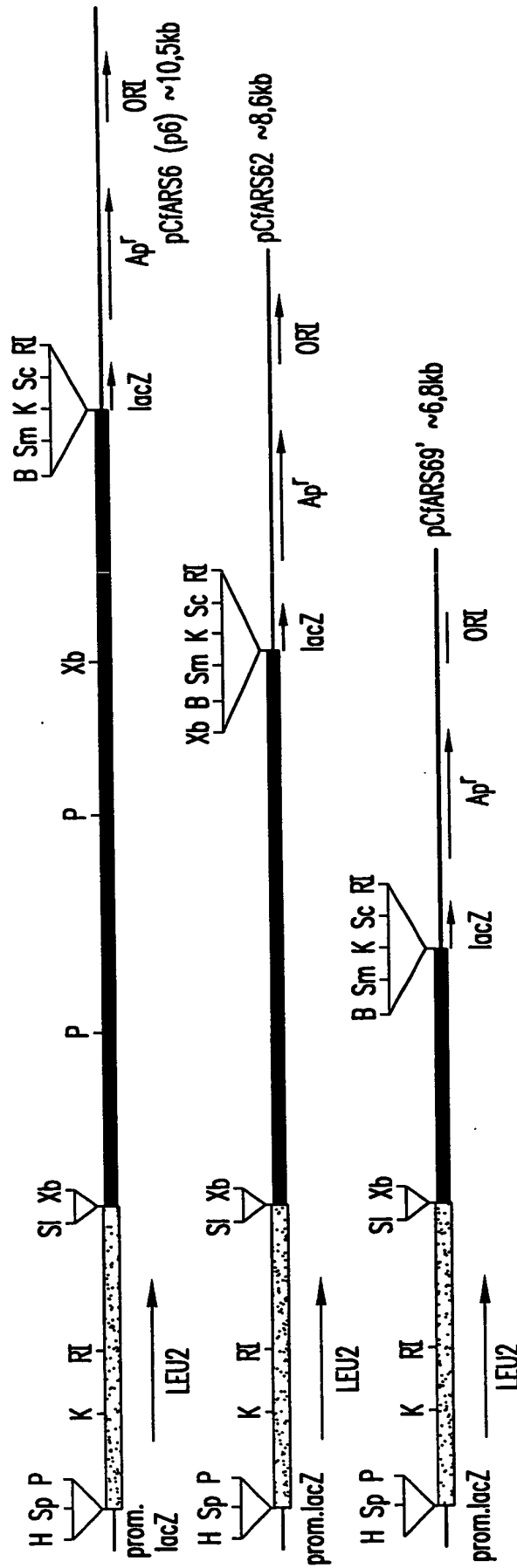


FIG.7

**FIG. 8**



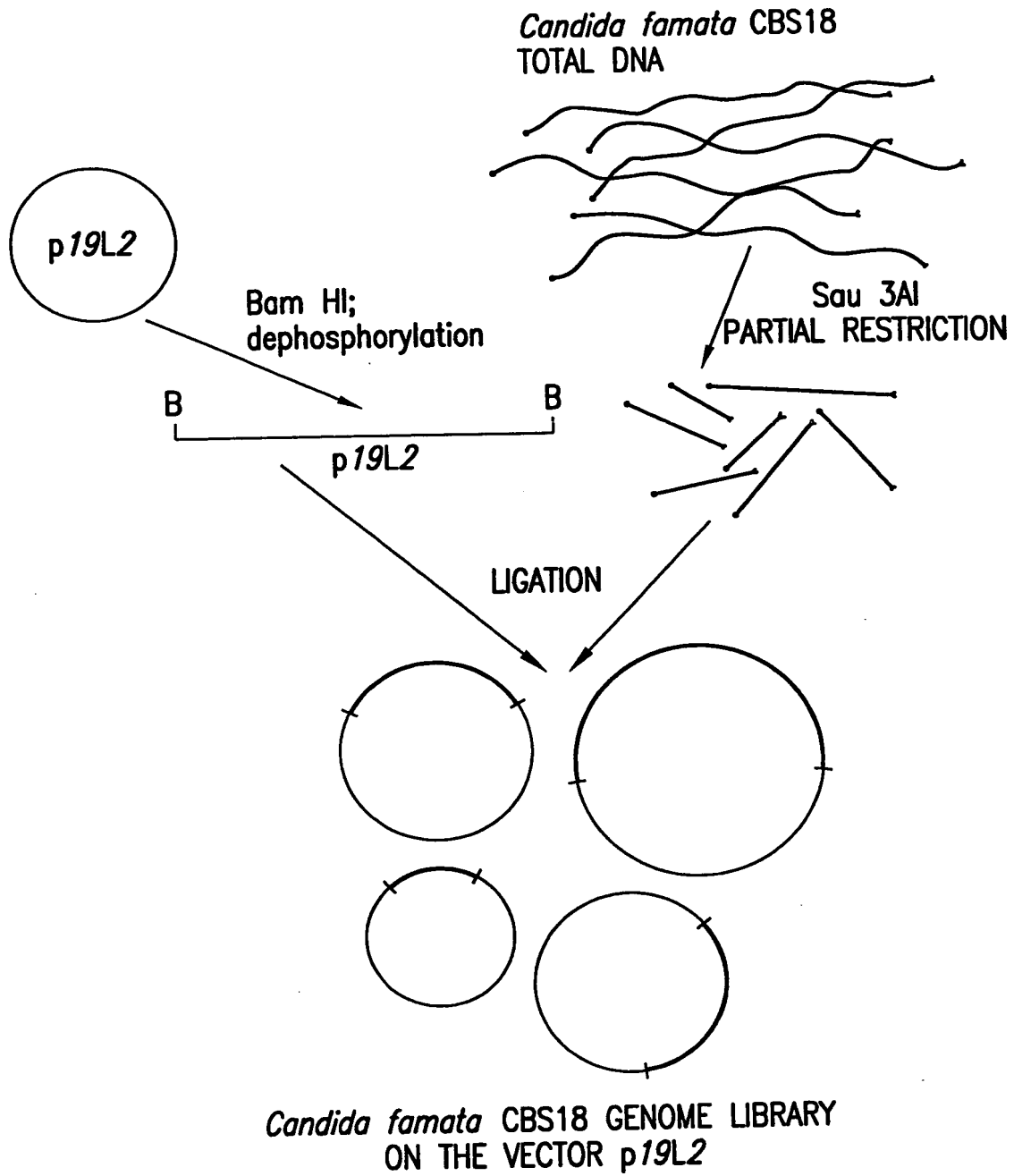


FIG.9

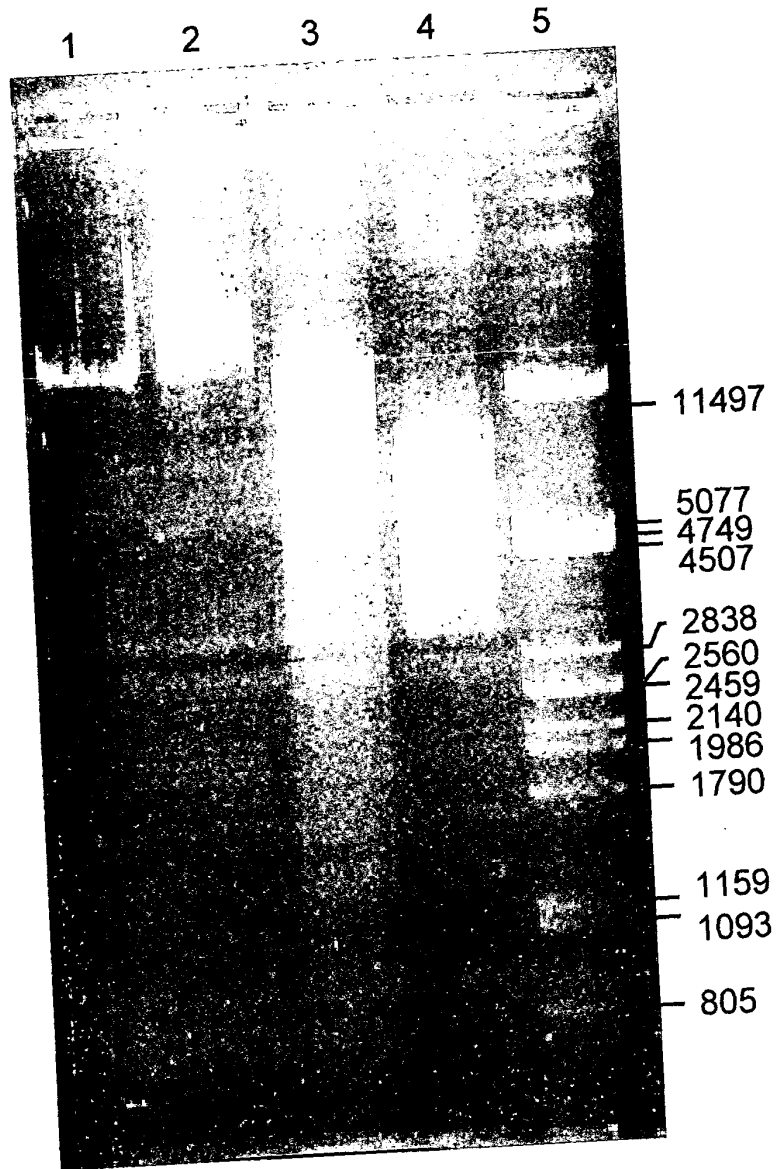


FIG.10

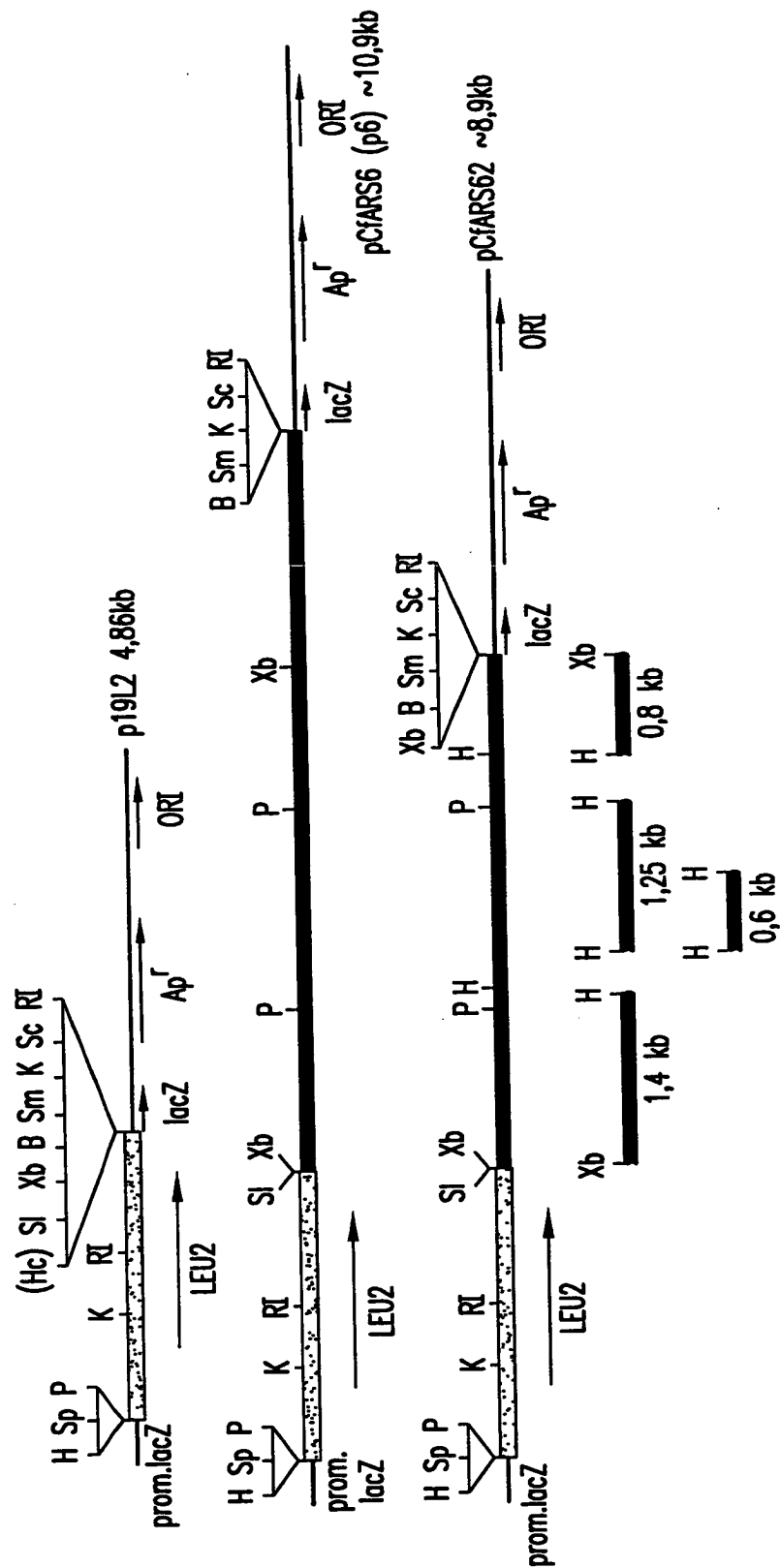


FIG.11

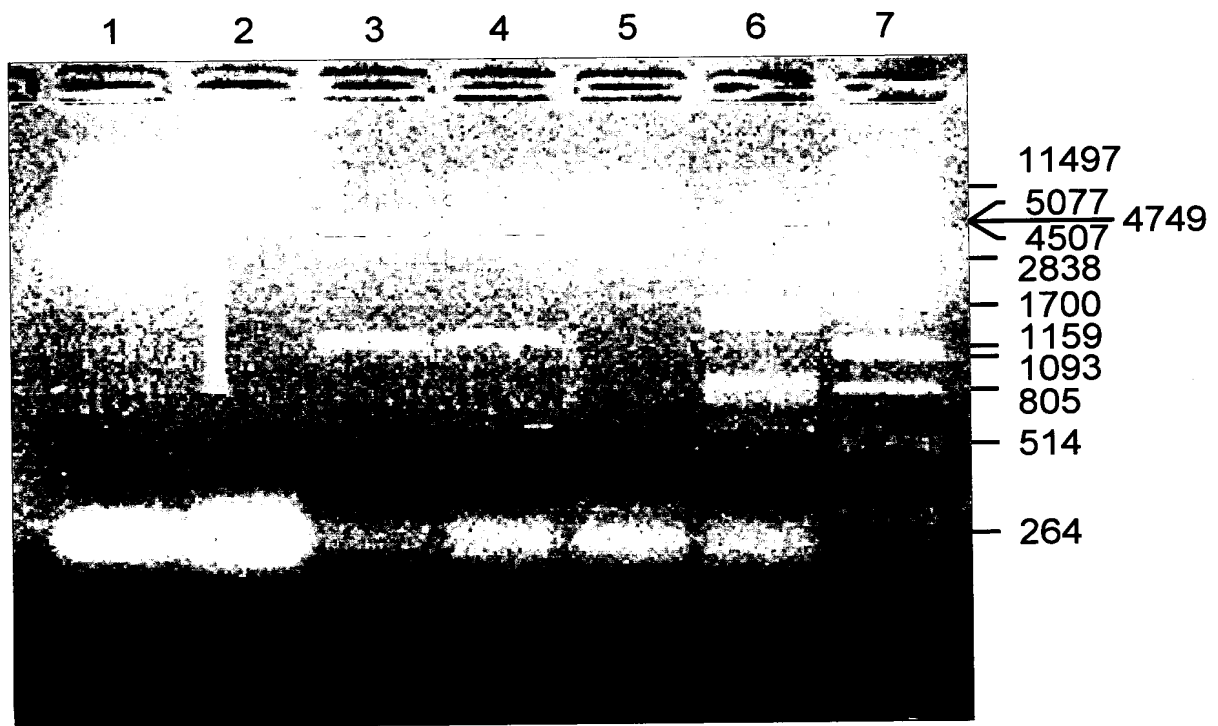


FIG.12

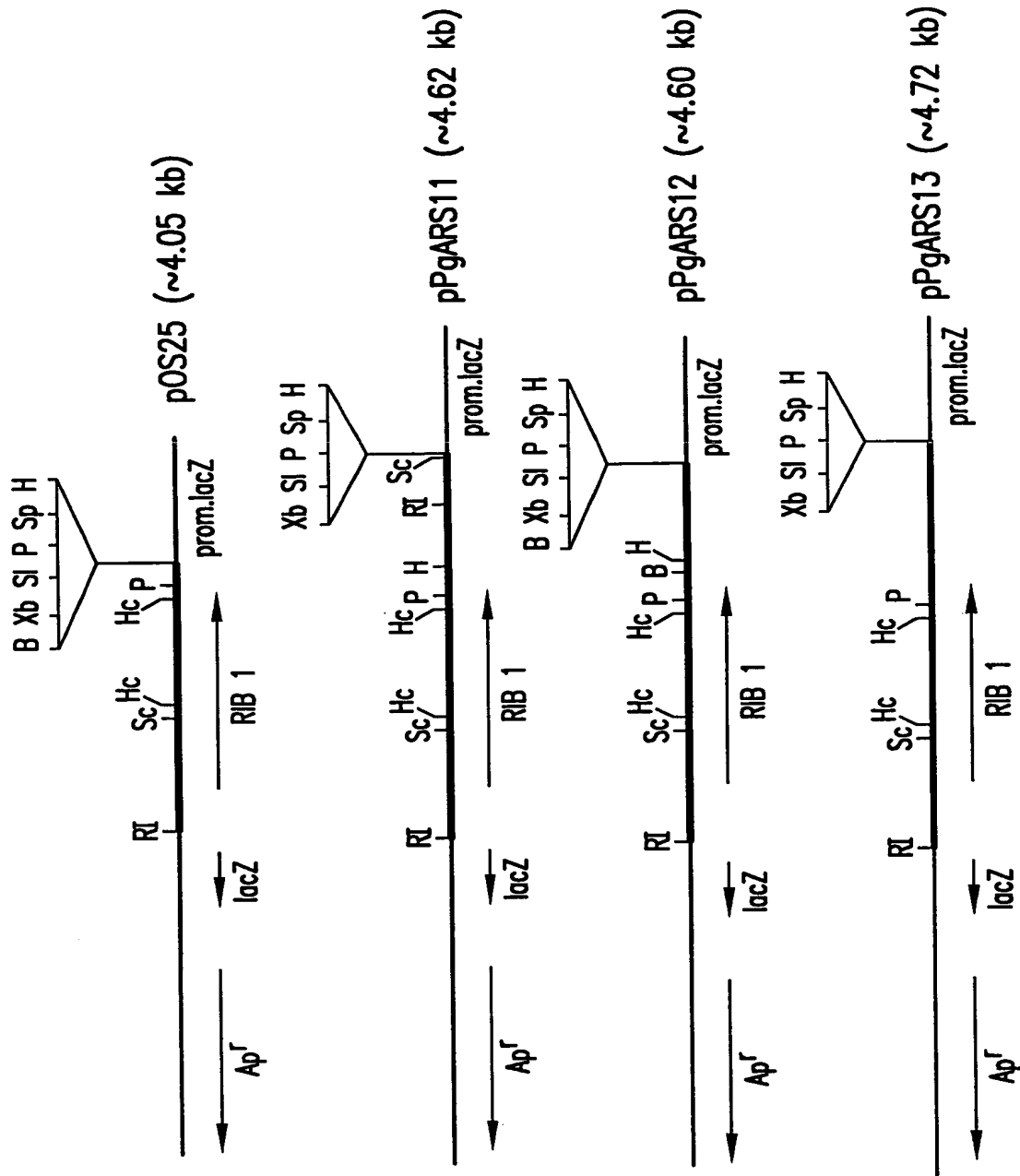


FIG. 13

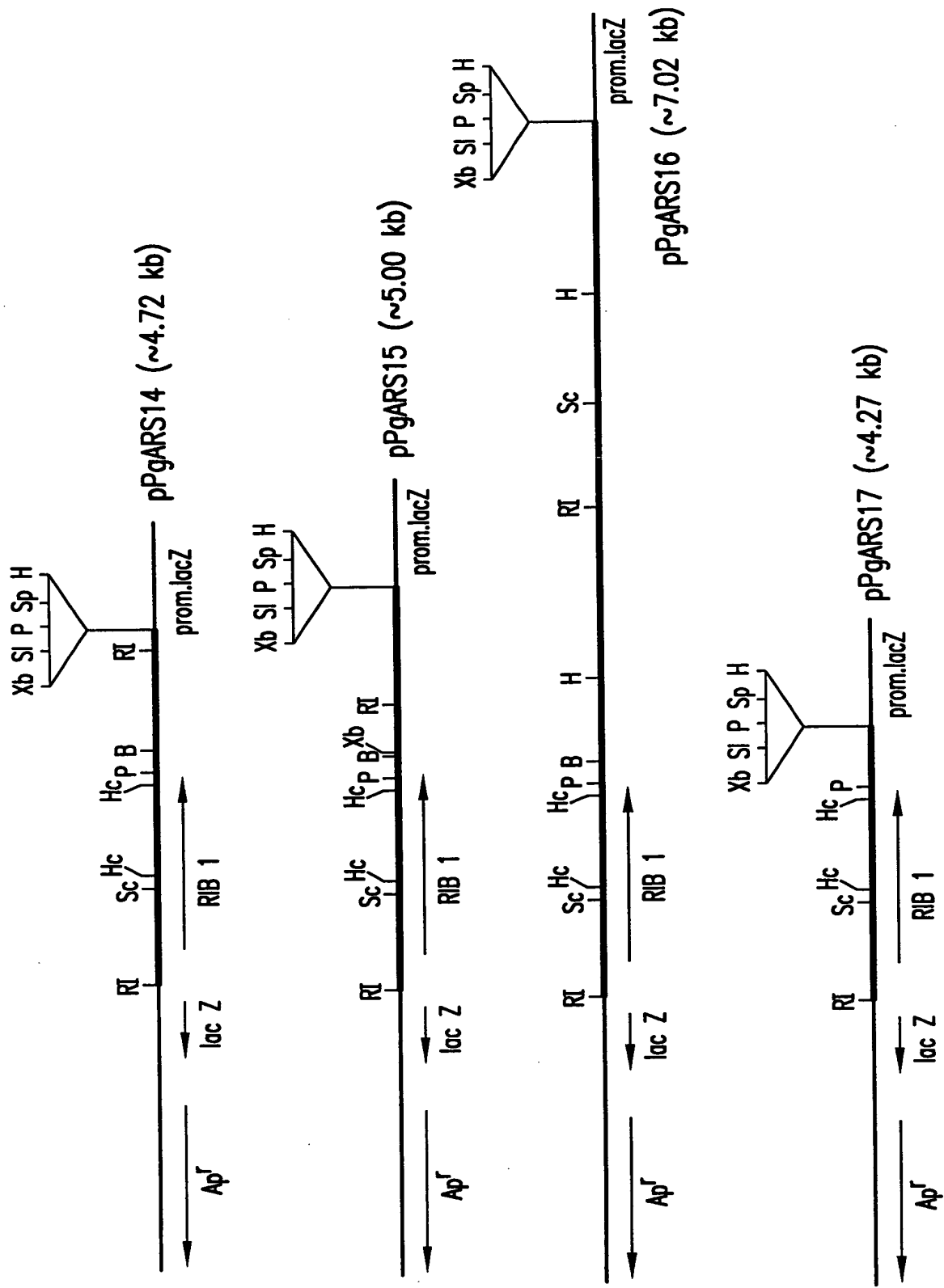


FIG. 14

&lt;400&gt; 1

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cttgactgat tacgaattcg agctcggtag ccggggatca tgaatgctag tcttttttaca 60
ctgaatattt ttttaacgat tttttaataa ttttgcaatc atttaagaaa aaccacaaat 120
ggttttccaa aatttaaatt gatTTTTtag aaagtcctaa aaaatagaat cataccaaat 180
aaagaacaac ttaaagtcac tatgacaaat tcagaaatac aatcgtatga tccgttcatg 240
gataaagctg caaagtcaca agcaaggcta actaagatcc tctaggggga tcctctagag 300
tcgactacgt cgtaaaggcc gtttctgaca gagtaaaatt cttgagggaa ctttcaccat 360
tatgggaaat ggttcaagaa ggtattgact taaactccat caaatggtca ggtcattgag 420
tgTTTTtat ttgttgattt tttttttttt tagagaaaat cctccaatat ataaattagg 480
aatcatagtt tcatgatttt tagagaaaat cctccaatat ataaattagg aatcatagtt 540
tcatgatttt ctgttacacc taactttttg tgtgngccc tcctccttgt caatattaat 600
ctgttacacc taactttttg tgtgngccc tcctccttgt caatattaat gttaaagtgc 660
aattcttttt ctttatcacg ttgagccatt agtatcaatt gttaaagtgc aattcttttt 720
ccttatcacg ttgagccatt agtatcaatt tgcttacctg tattccttta catcctcctt 780
tttctccttc ttgataaatg tgcttacctg tattccttta catcctcctt tttctccttc 840
ttgataaatg tatgtagatt gcgtatatag tttcgtctac cctatgaaca tattccattt 900
tatgtagatt gcgtatatag tttcgtctac cctatgaaca tattccattt tgtaatttcg 960
tgtcgnntct attatgaatt tcatttataa aggttatgtn tgtaatttcg ggcgtttcta 1020
ttatgaattt catTTTataa gtttatgtcc aatatcataa aaaaagagaa tctttttaag 1080
caanggattt cttaactcaa atatcataaa aaaagagaat ctttttaagc aagggatttt 1140
cttaacttnt tcggggacgc atccccgctt cggnggactg gtggaccctt aaatctnttc 1200
ggcgacagca tcccgaactc ggnngnactg tggaaccctt aaatcccagt ntgatcctgc 1260
ttccaaanct tttactggtt ttcatgggcc taccacagtt ctgaacctgc atccaaanct 1320
tttactgctc ttcaagggtt taccttntca ggcaggtcaa tgacaattca catcntgcnc 1380
anacnaaaaa nggcttttca gcaggtcaan gcaatttcac atcntgcnc aaaaananagt 1440
ggcgatnggg tgacctntnt ttggcaacga tngggtgacc tatntttgca aac 1493

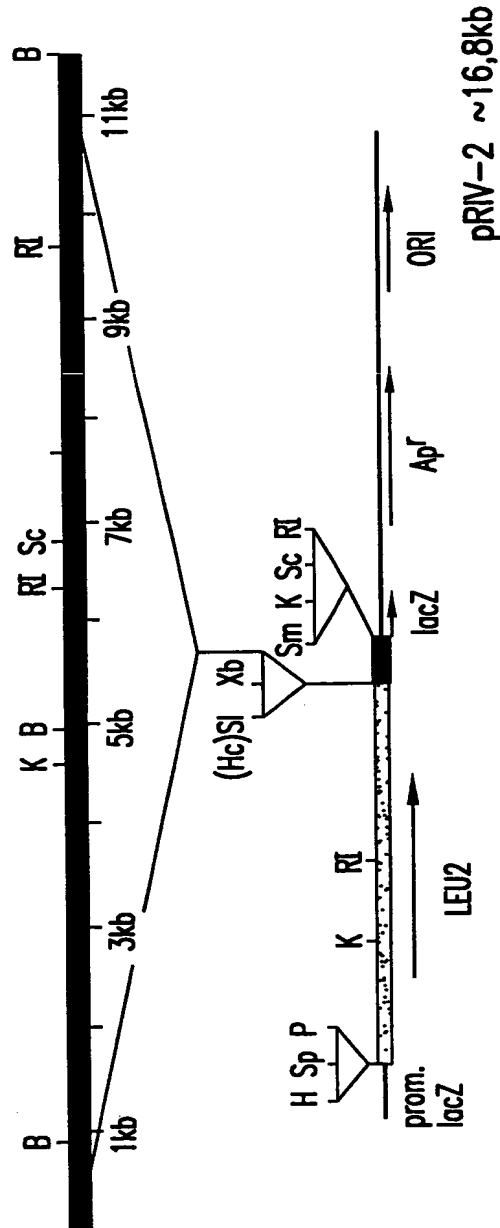
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FIG.15

```
tatgcacatt cgcacgccga ggtgcagcgt ttaggcgcgg ctcaacggaa gccaacggcc 60
gccacaaatt gtccggaaag tcgccgaaac tgatccactg gtaccacagc cccataagaa 120
ccccctttaa tattaataaac cggttcttcag ccacttttga tcacattggt tgcagccgcc 180
cgttgctgcc atccaaacac cacgcgtccc ccgcaccctt ttacggtgcc cactgcattg 240
gaatttgcatt aaaacagcct cacgaagtgg attaatTTTT agagcactca agtcatcatg 300
ctgcaatctc tgcattcatga aatgactccc gttgatacag ggaactcaga ccgcaagcgg 360
cgaagagtca caagagcgtg tgatgtgtgt cgactctaga ggatccccgg gtac 414
```

FIG.16





**FIG. 17**

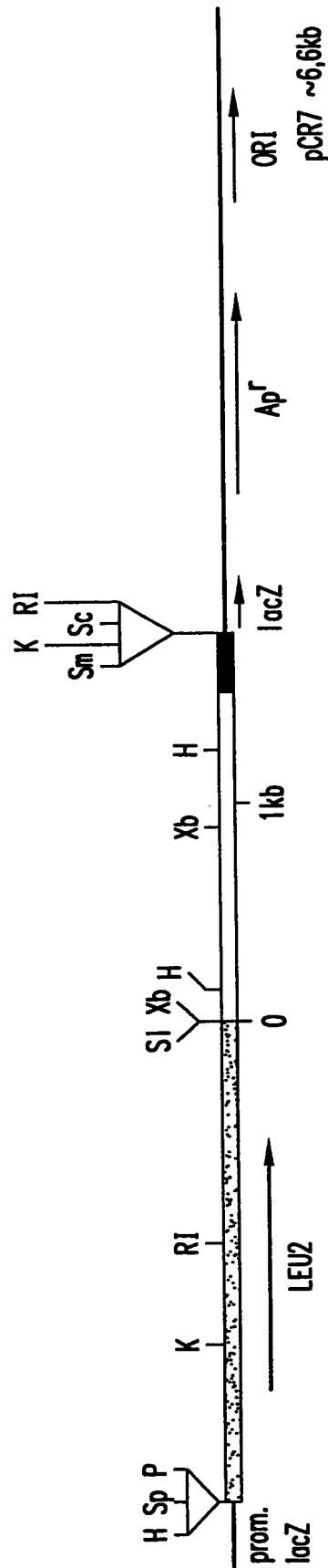


FIG.18

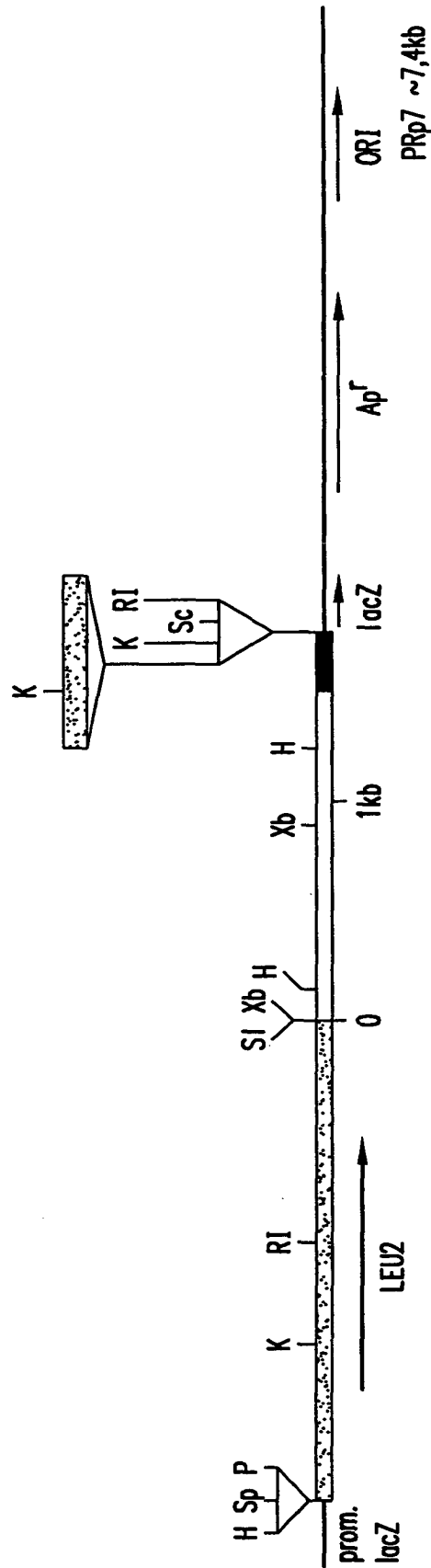


FIG.19

```
tgattacgaa ttcgagctcg gtacccgggg atcatgaatg ctagtctttt tacactgaat 60
atTTTTTTaa cgatttttta ataattttgc aatcatttaa gaaaaaccac aaatggtttt 120
ccaaaattta aattgatttt ttagaaagtc ctaaaaaata gaatcatacc aaataaagaa 180
caacttaaag tcactatgac aaattcagaa atacaatcgt atgatccgtt catggataaa 240
gctgcaaagt cacaagcaag gctaactaag atcctctaga gtcgactacg tcgttaaggc 300
cgtttctgac agagtataat tcttgaggga actttcacca ttatgggaaa tggttcaaga 360
aggtattgac ttaaactcca tcaaattggtc aggtcattga gtgtttttta tttgntgtat 420
tttttttttt ttagagaaaa tcctccaata tataaattag gaatcatagt ttcattgattt 480
tctgtta
```

FIG.20

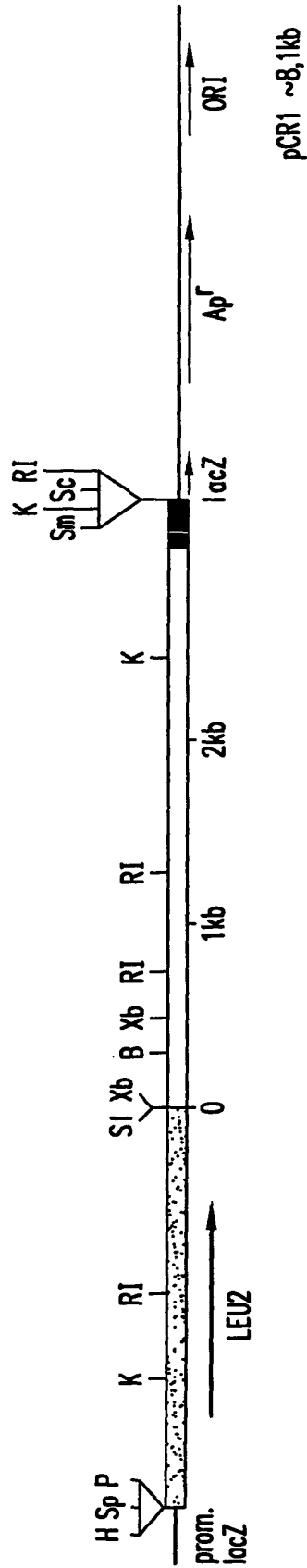


FIG.21

**FIG. 22**

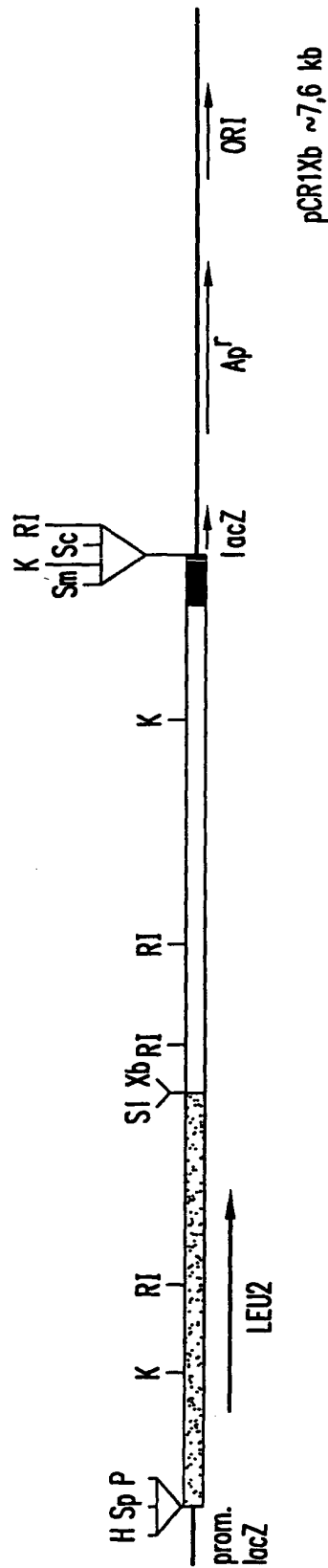


FIG.23

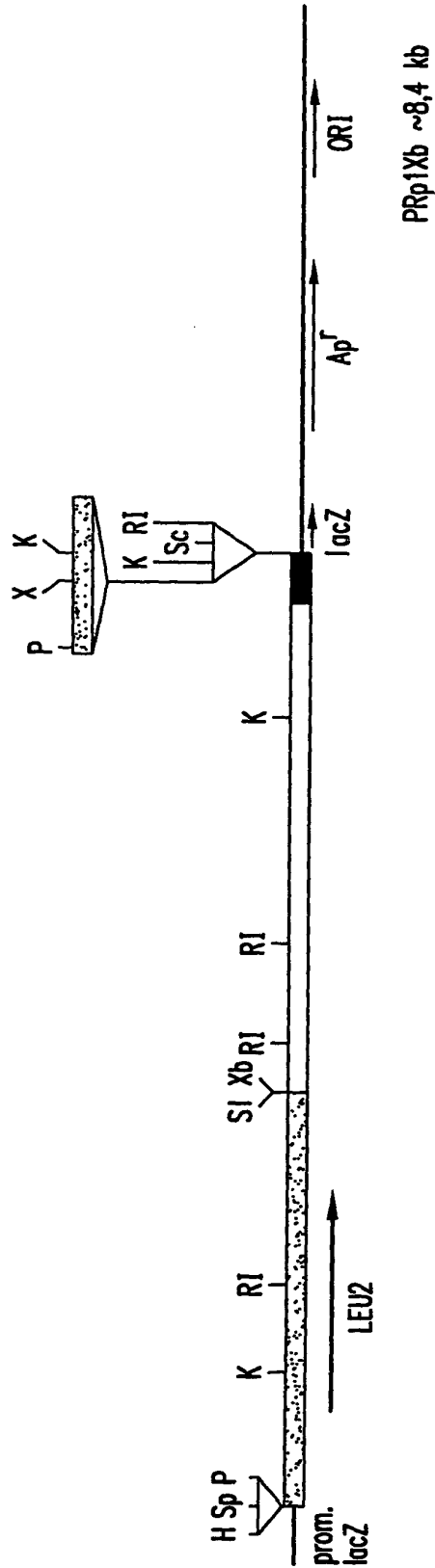


FIG.24



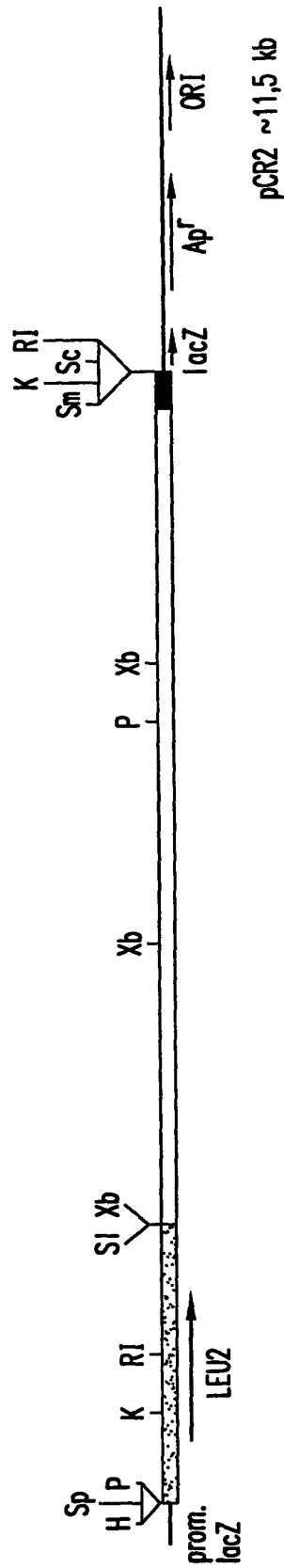


FIG.25

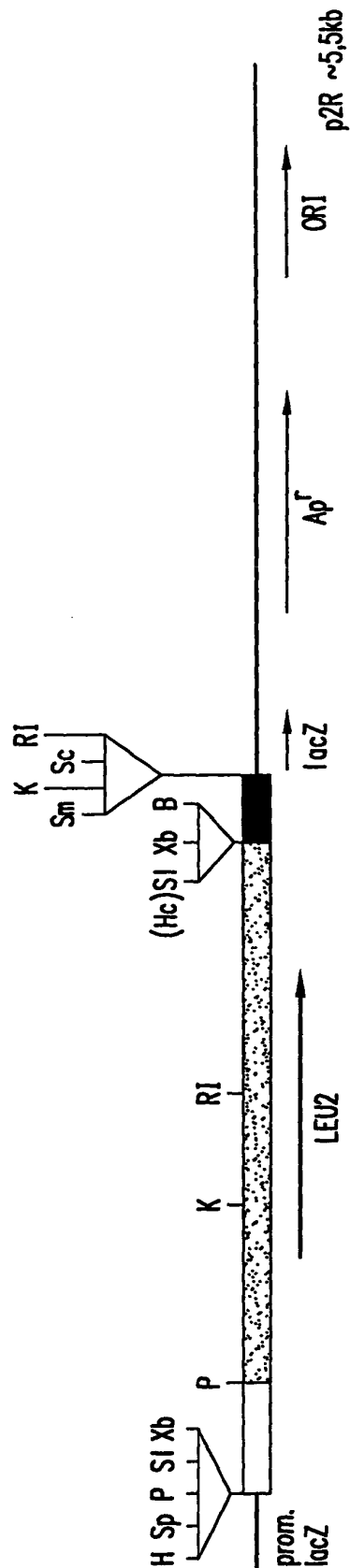


FIG.26

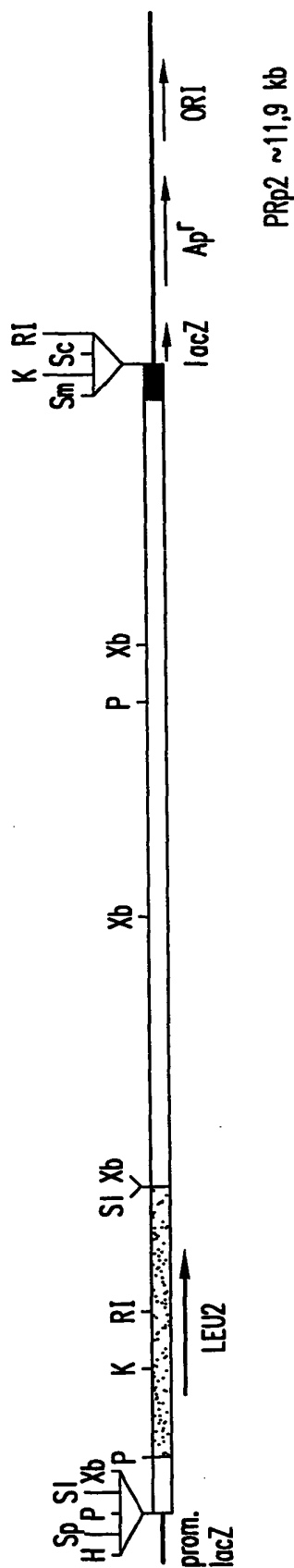


FIG.27

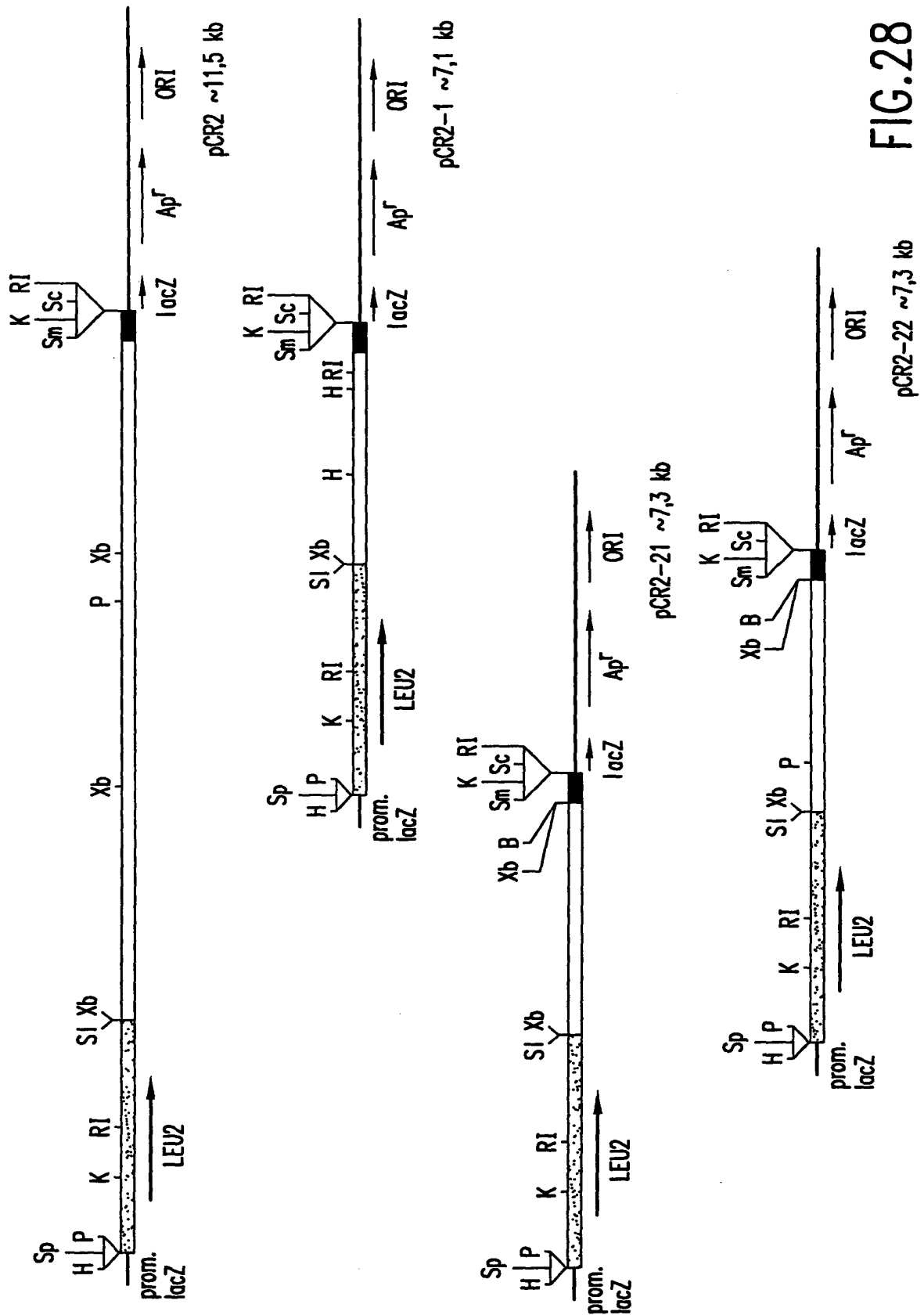


FIG.28

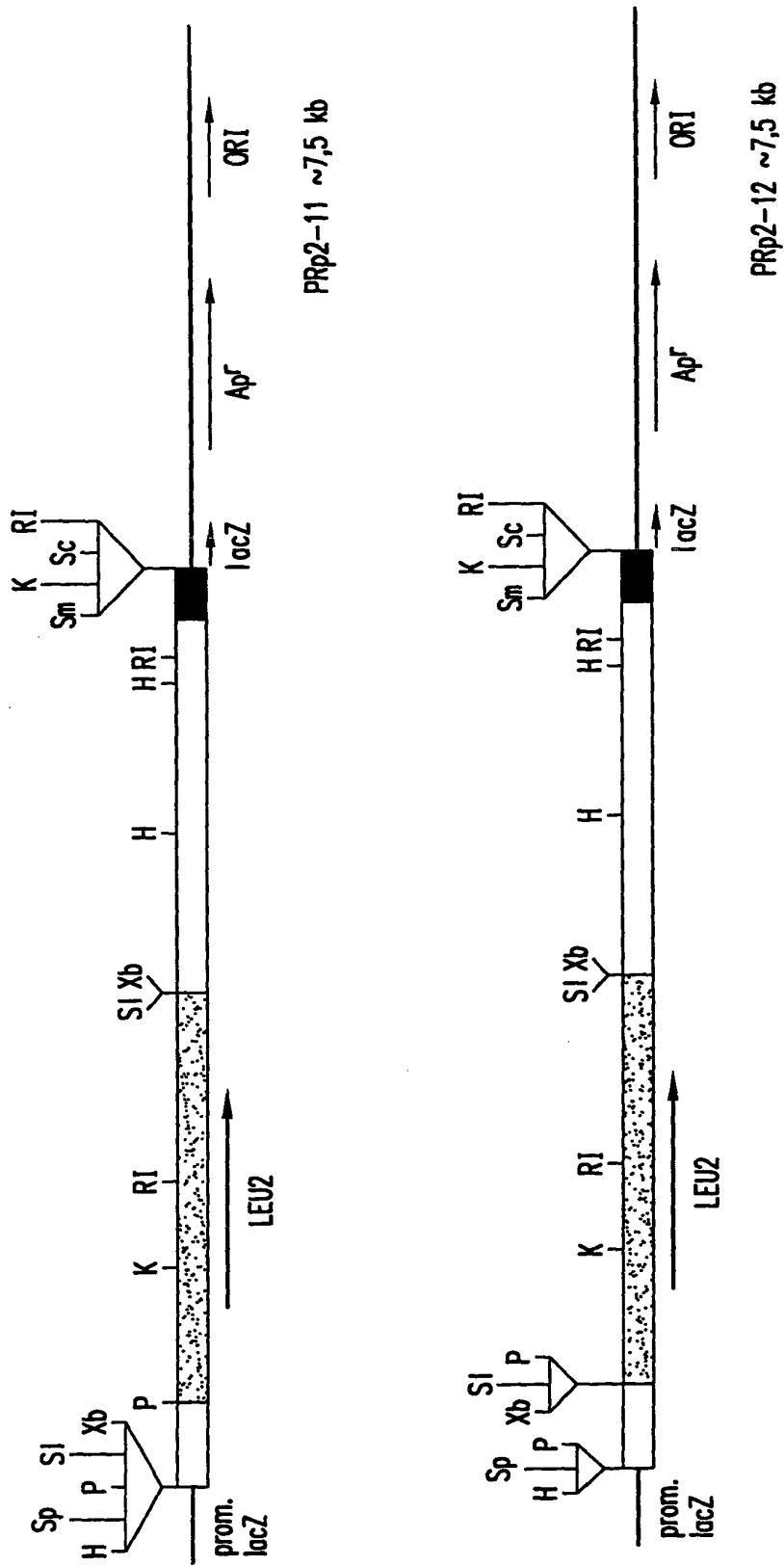


FIG.29

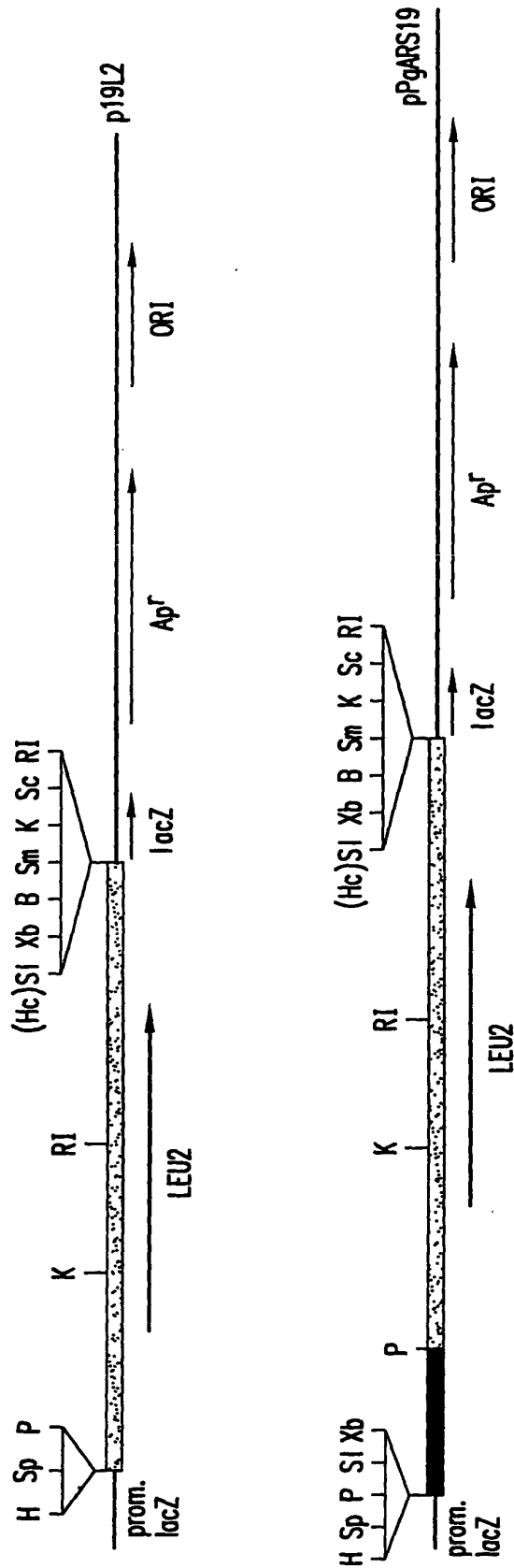


FIG.30



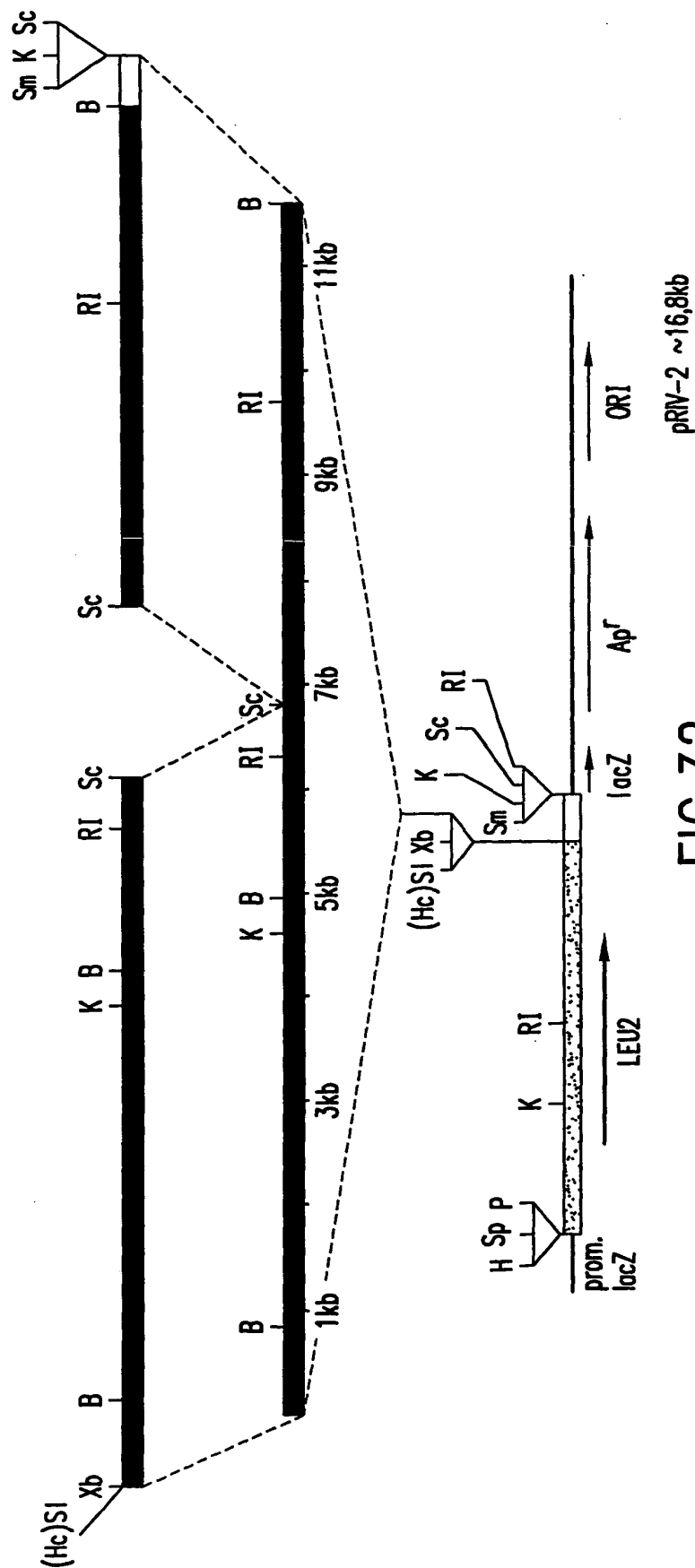


FIG.32



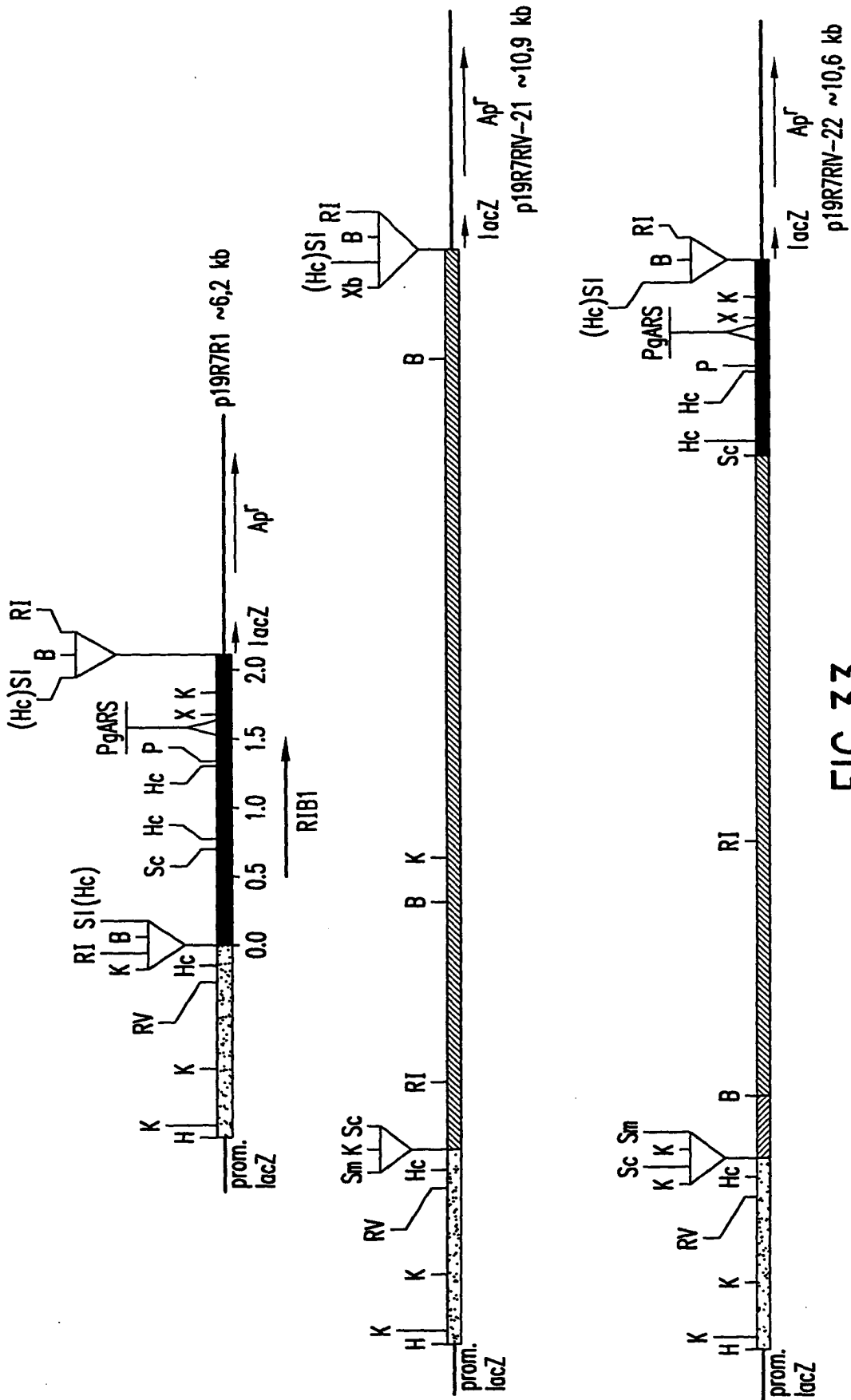


FIG.33

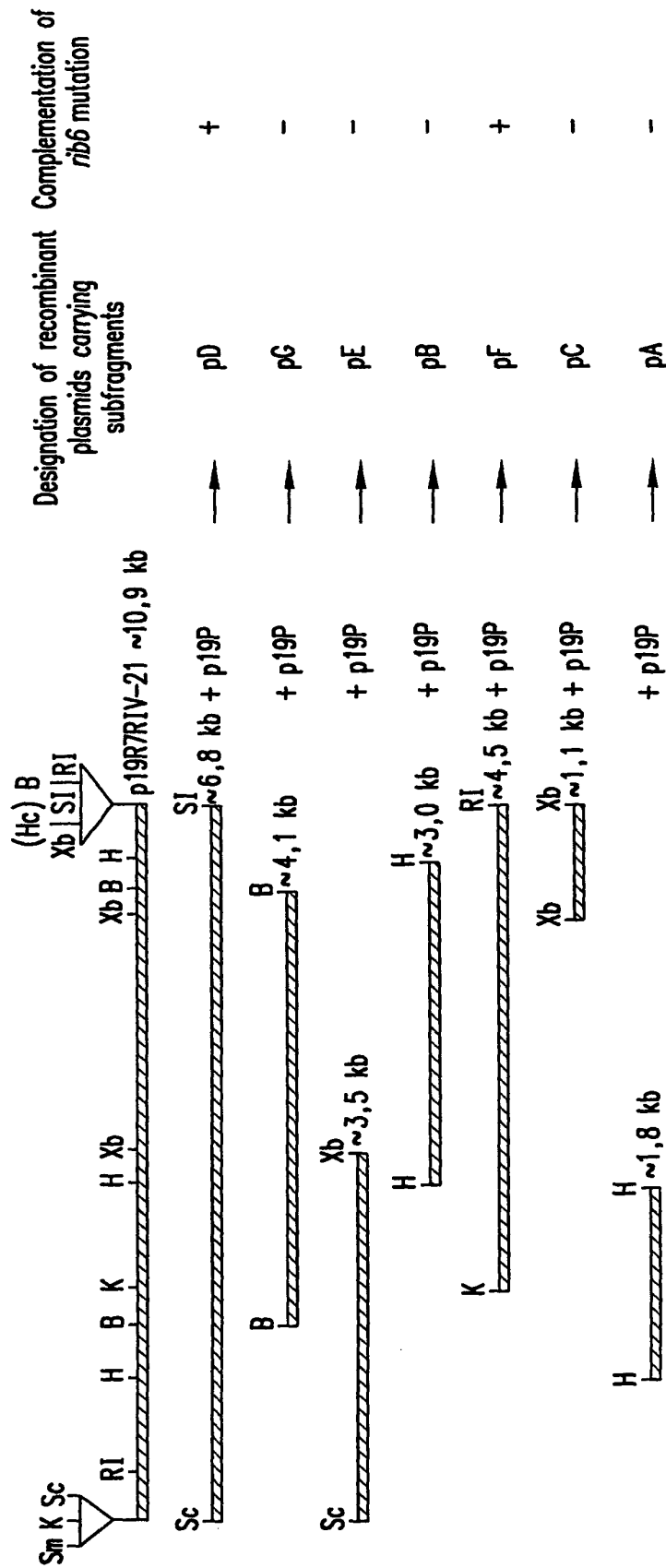


FIG.34

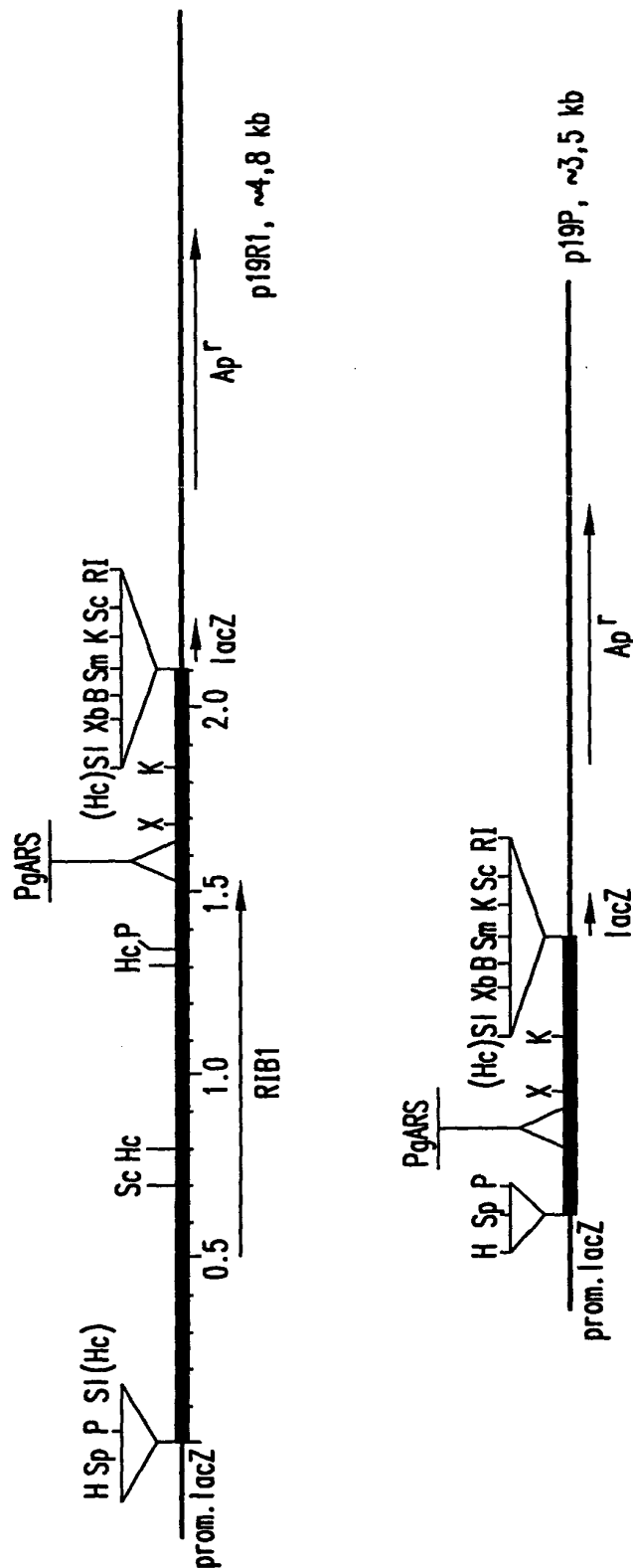


FIG.35

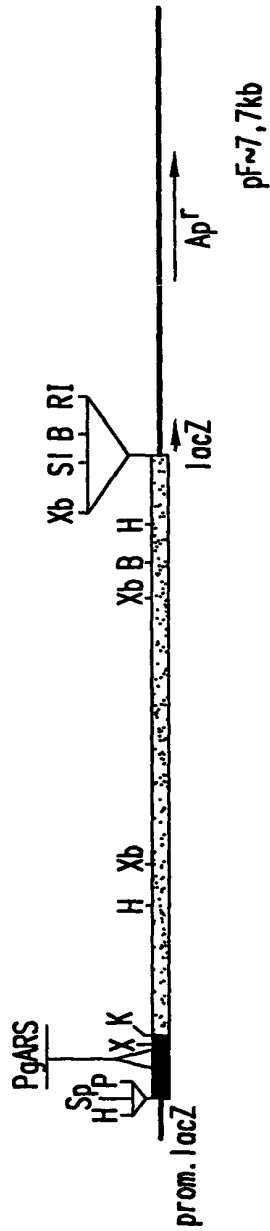


FIG.36

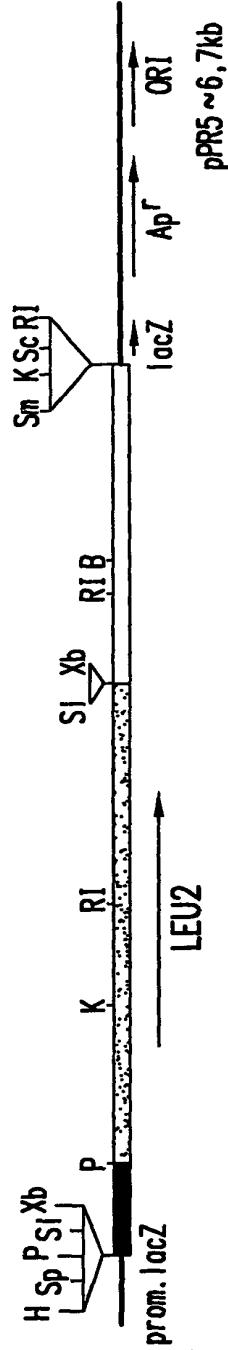


FIG.37

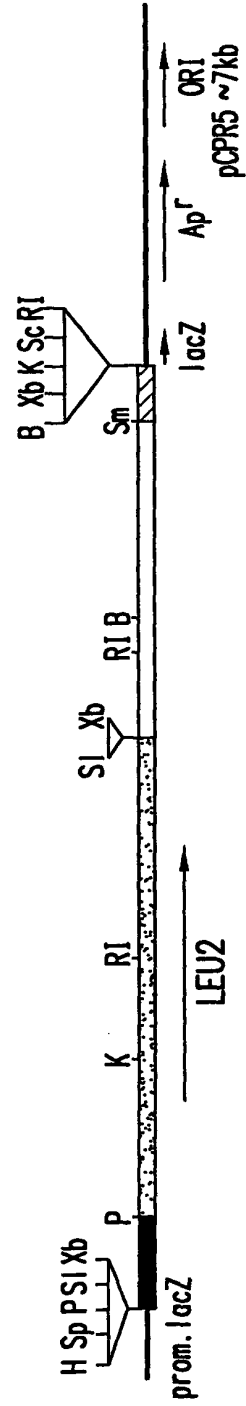
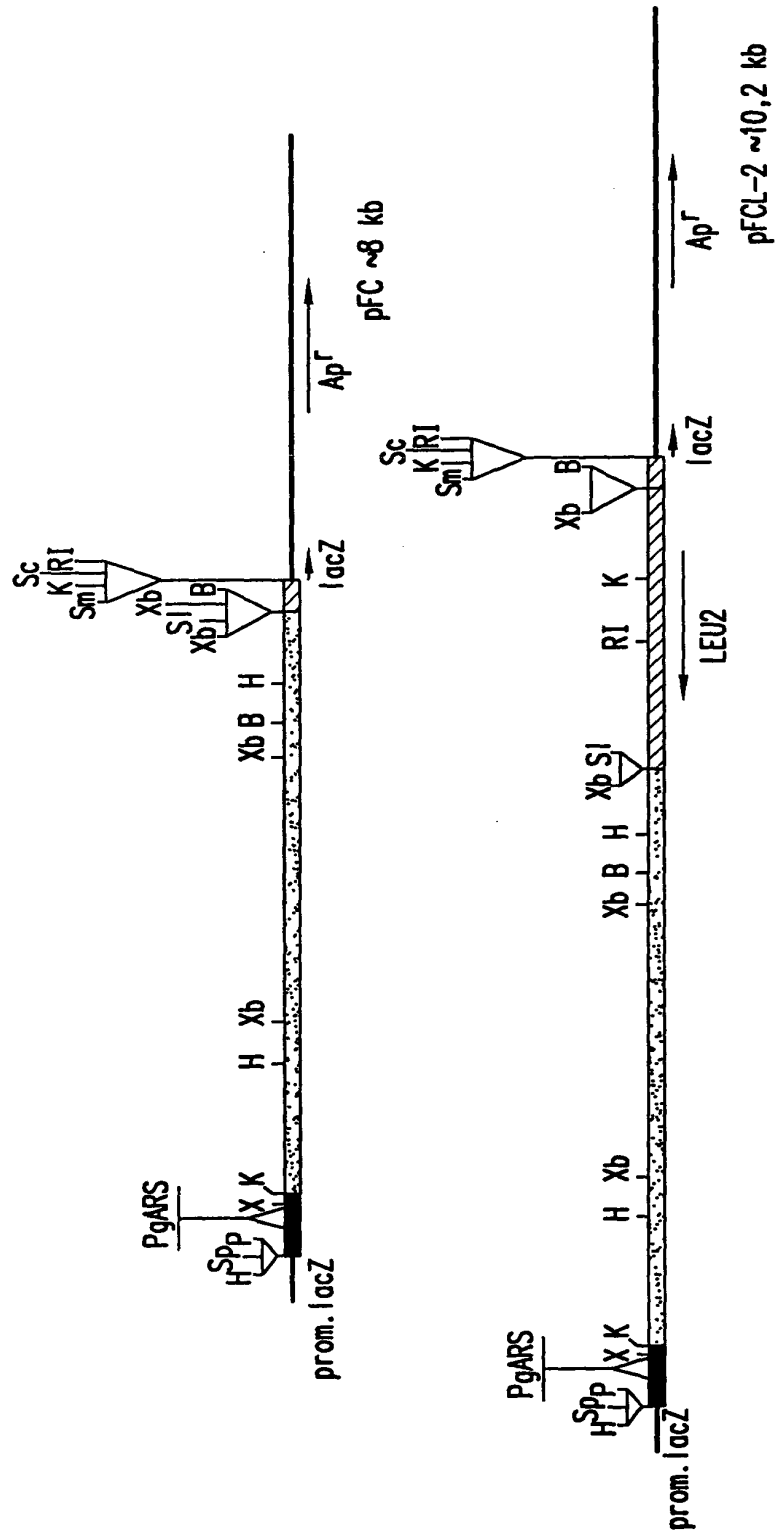
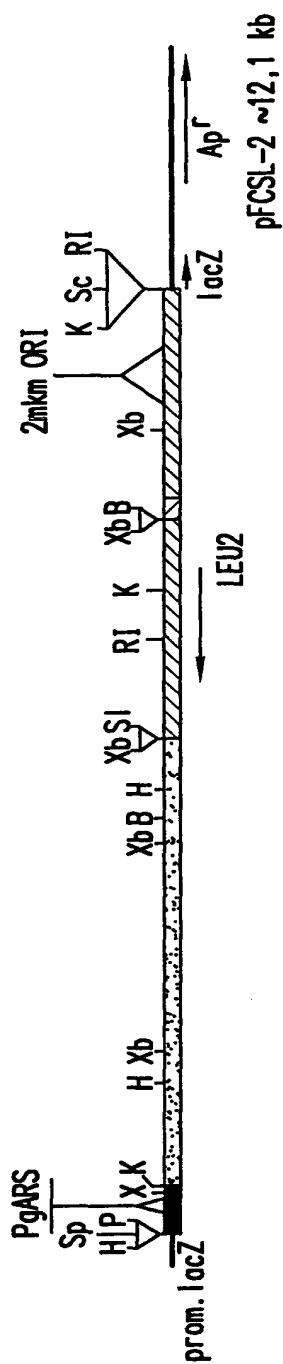
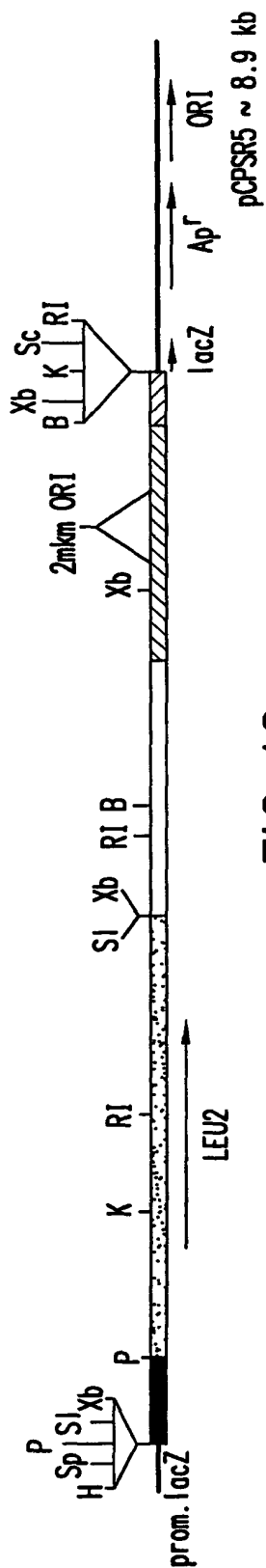


FIG.38







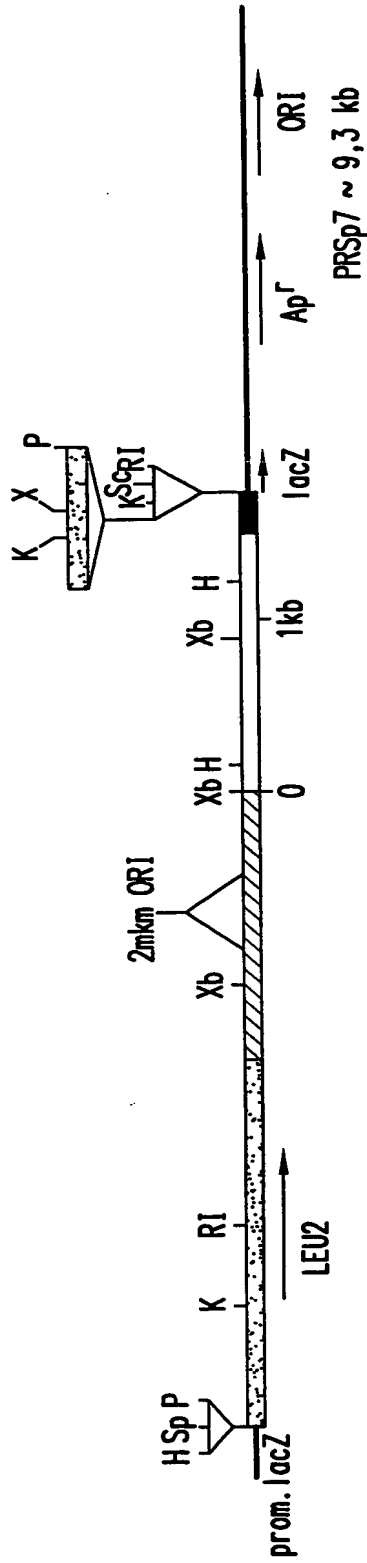


FIG.44

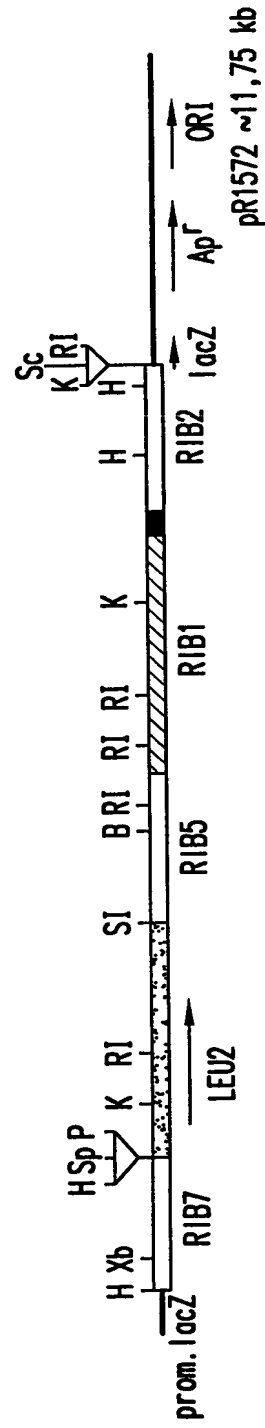


FIG.45